



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Amarr Garage Doors**  
**165 Carriage Court**  
**Winston-Salem, NC 27105**

**SCOPE:** This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ). This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Model 1200 WeatherGuard Plus & Heritage 3000 Steel Sectional Garage Doors up to 16'-0" Wide

**APPROVAL DOCUMENT:** Drawing No. SFC-590-010, titled "Model #1200 WeatherGuard Plus w/ DuraSafe & Heritage 3000 Short, Long, Flush, Ribbed and Oak Summit Panels", sheets 1 through 3 of 3, dated 06/21/2001, with revision D dated 07/25/2011, prepared by Amarr Garage Doors, signed and sealed by Thomas L. Shelmerdine, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large and Small Missile Impact Resistant

**LABELING:** A permanent label with the manufacturer's name or logo, 3800 Greenway Circle, Lawrence, Kansas, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 12-0228.09 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



*Carlos M. Utrera*  
07/08/2015

NOA No. 15-0505.07  
Expiration Date: May 16, 2017  
Approval Date: July 16, 2015  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS “Submitted under NOA # 12-0228.09”**

1. Drawing No. **SFC-590-010**, titled “Model #1200 WeatherGuard Plus w/ DuraSafe & Heritage 3000 Short, Long, Flush, Ribbed and Oak Summit Panels”, Sheets 1 through 3 of 3, dated 06/21/2001, with revision D dated 07/25/2011, prepared by Amarr Garage Doors, signed and sealed by Thomas L. Shelmerdine, P.E.

**B. TESTS “Submitted under NOA # 12-0228.09”**

1. Test reports on
  - 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 2) Large Missile Impact Test per FBC, TAS 201-94
  - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
  - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of Amarr 16’x 7’, 24 ga. steel garage door Model 1200 Heritage 3000, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0912.01-11**, dated 10/13/2011, signed and sealed by David W. Johnson, P.E.

2. Test report on Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments per ASTM D1654 & ASTM B117, prepared by Architectural Testing, Inc., Test Report # **A7420.01-106-18**, dated 04/12/2011, signed and sealed by Joseph A. Reed, P.E.

**C. CALCULATIONS “Submitted under NOA # 12-0228.09”**

1. Anchor calculations prepared by Structural Solutions, P.A., dated 01/25/2012, signed and sealed by Thomas L. Shelmerdine, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. Test report on Surface Burning Characteristics on the expanded polystyrene UL file # R11812.

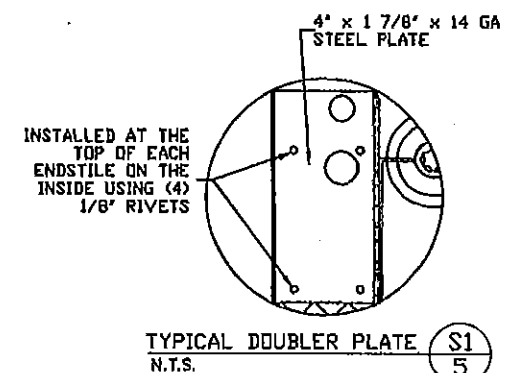
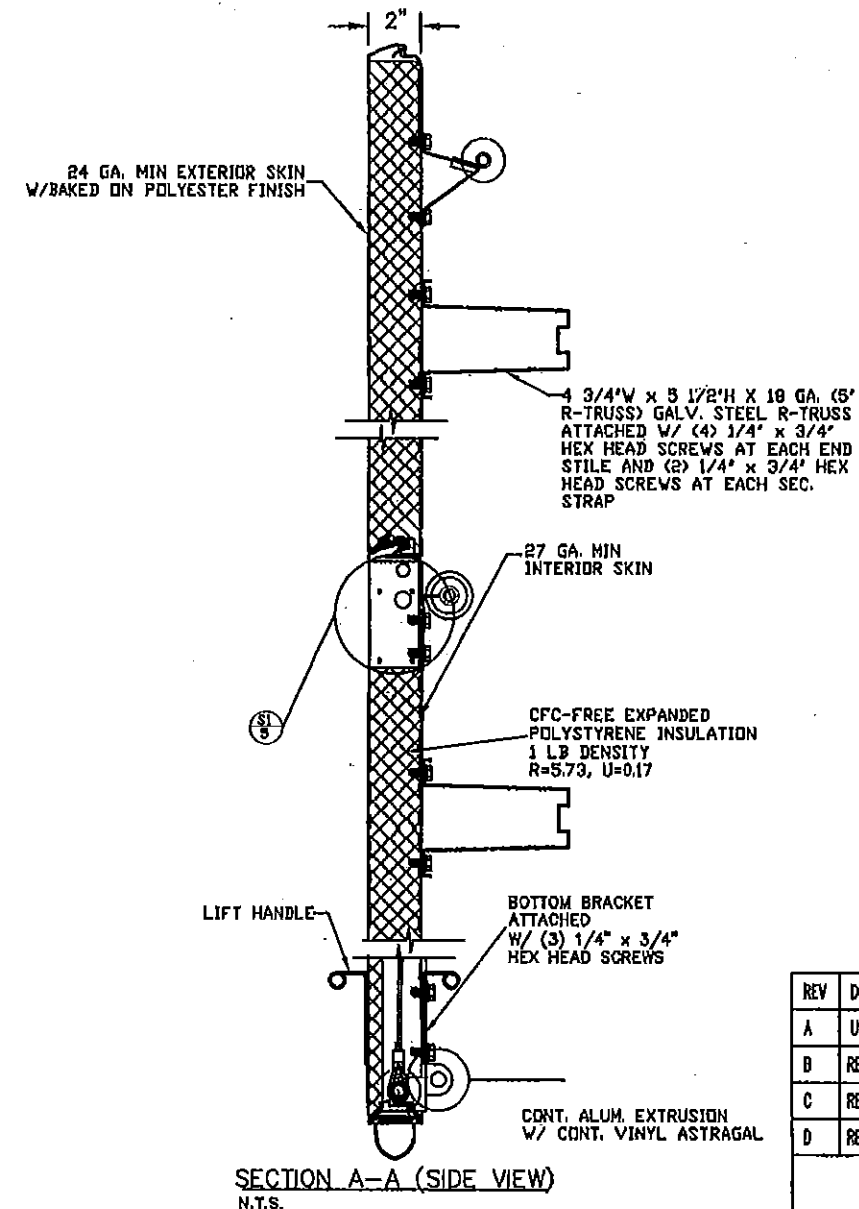
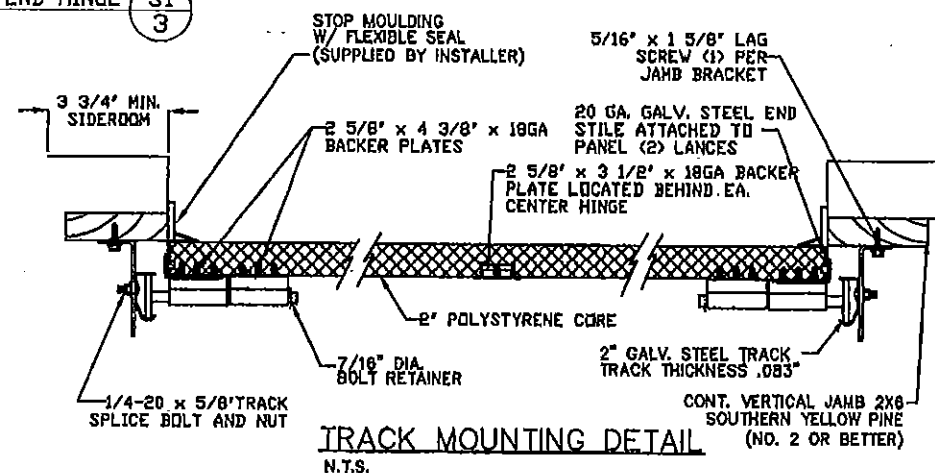
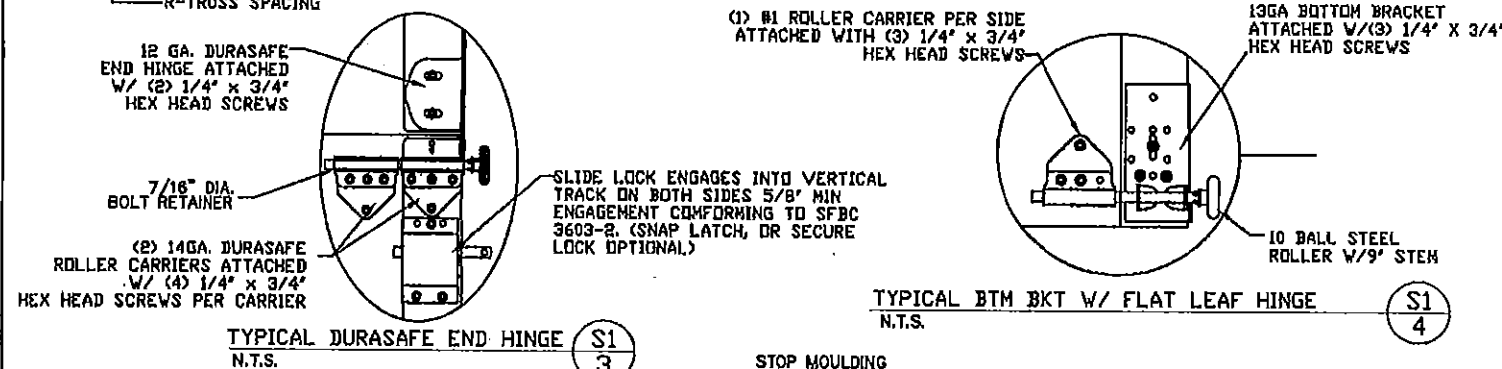
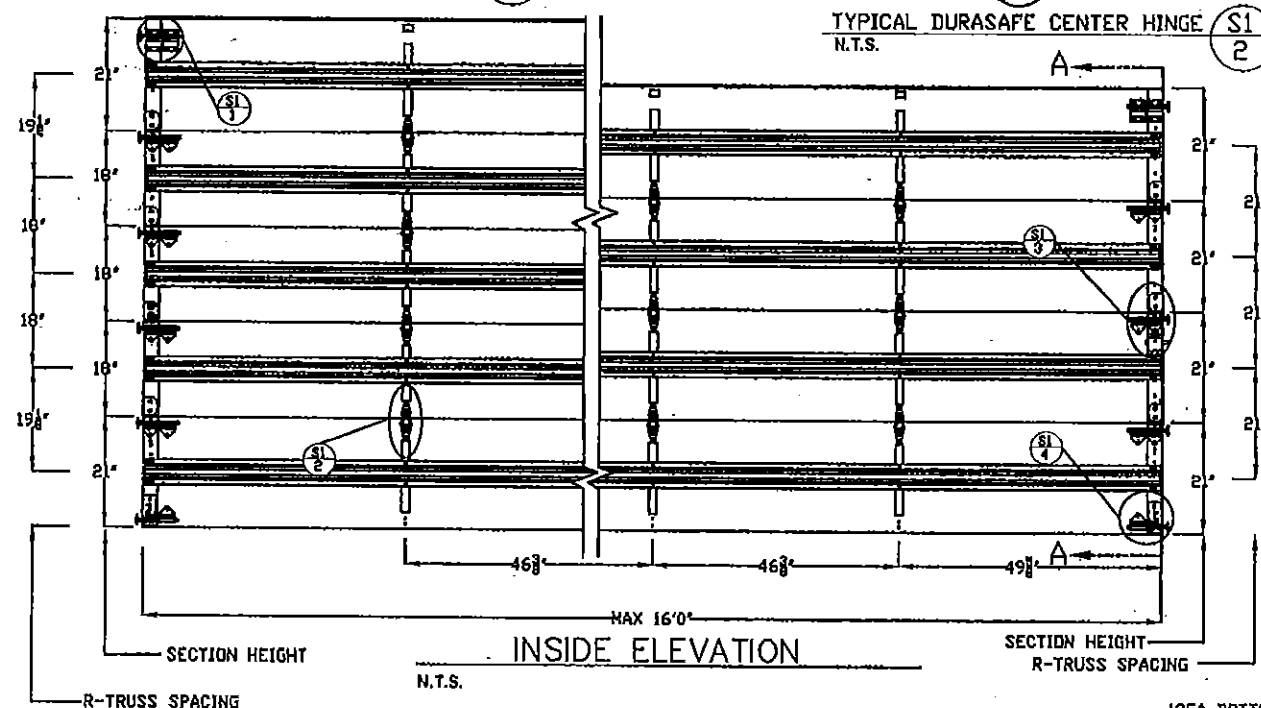
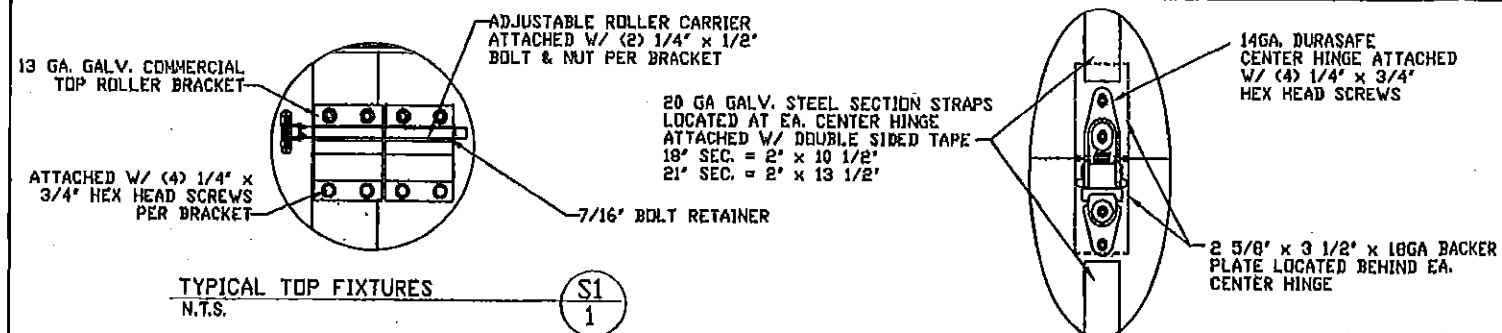
**F. STATEMENTS**

1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC and no financial interest issued by Structural Solutions, PA., dated 04/08/2015, signed and sealed by Tomas L. Shelmerdine, P.E.



07/08/2015

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 15-0505.07  
Expiration Date: May 16, 2017  
Approval Date: July 16, 2015

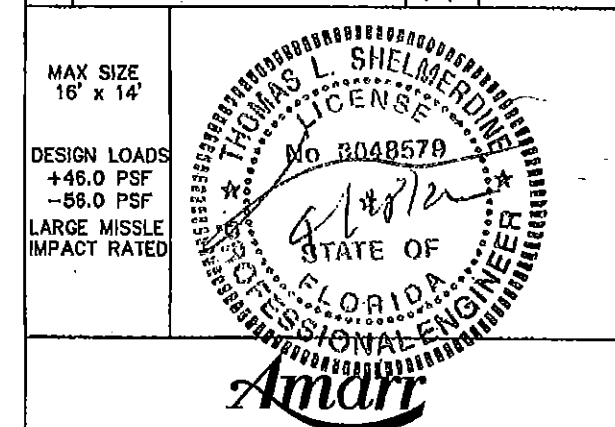


# LARGE MISSILE IMPACT RATED

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 15-0505.07  
Expiration Date 05/16/2017  
By *[Signature]*  
Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 12-0228.09  
Expiration Date 05/16/2017  
By *[Signature]*  
Miami Dade Product Control

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	UPDATE OF JAMB ATTACHMENTS TO STRUCTURE	4/3/07	SKW
B	REVISED NOTE B	12/16/08	CBT
C	REVISED NOTE B TO INCLUDE FBC 2007	05/15/09	CBT
D	REVISED TO ASCE 7-10 AND FBC 2010	07/25/11	BHG



165 CARRIAGE COURT WINSTON-SALEM, N.C. 27103 WWW.AMDRR.COM

MODEL #1200 WeatherGuard Plus w/DuraSafe Heritage 3000 Short, Long, Flush, Ribbed, and Oak Summit Panels

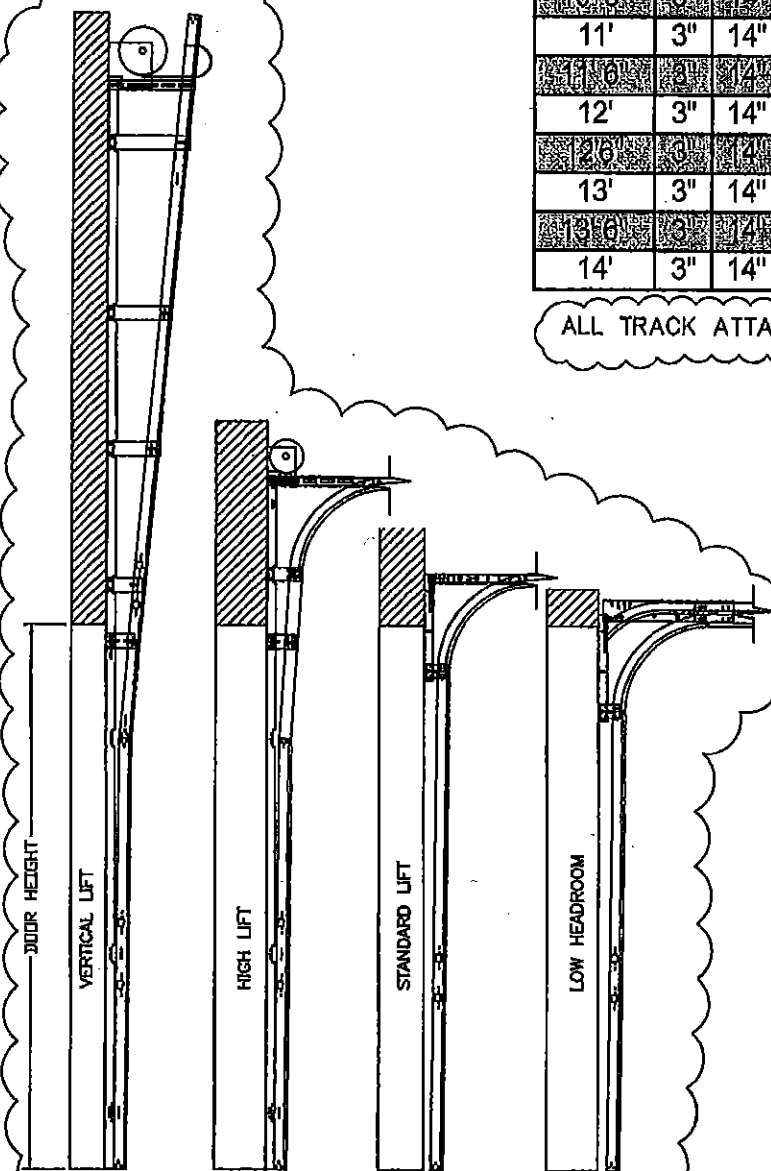
SIZE B	DRAWN BY OLJ	DATE 06/21/01	DRAWING NUMBER SFC-590-010
CHECKED BY	DATE		

ENGINEER: THOMAS L. SHELDERDINE P.E. LIC. No. 0048579 SHEET 1 OF 3

# JAMB BRACKET LOCATIONS

DOOR HEIGHT	TRACK ATTACHMENT															SPLICE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	S	
6'6"	3"	14"	27"	38"	46"	56"	68"									70"
7'	3"	14"	27"	38"	46"	56"	68"									76"
7'6"	3"	14"	27"	38"	46"	56"	68"	78"								82"
8'	3"	14"	27"	38"	46"	56"	68"	78"								88"
8'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"							94"
9'	3"	14"	27"	38"	46"	56"	68"	78"	88"							100"
9'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	98"						106"
10'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"						112"
10'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"					118"
11'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"	120"				124"
11'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"	120"	130"			130"
12'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"	122"				136"
12'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	109"	122"	132"			142"
13'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	114"	122"	134"			148"
13'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	109"	122"	134"	144"		154"
14'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	114"	122"	134"	146"		160"

ALL TRACK ATTACHMENT SPACING  $\pm 1"$  ALLOWED WITH SYP NO. 2 OR BETTER ONLY



AVAILABLE TRACK CONFIGURATIONS  
N.T.S.

## WOOD JAMB ATTACHMENT TO STRUCTURE

**2 X 8 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE**  
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 12" O.C. (1 1/2" EMBEDMENT)

**2 X 8 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE**  
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)  
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 10" O.C. (1 1/4" EMBEDMENT)  
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 22" O.C. (2 1/2" EMBEDMENT)

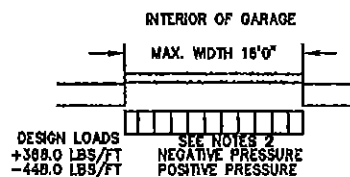
**2 X 8 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK**  
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 8" O.C. (1 1/2" EMBEDMENT)  
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 8" O.C. (1 1/4" EMBEDMENT)

**2 X 8 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2,000 PSI GROUT)**  
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 12" O.C. (1 1/4" EMBEDMENT)  
(OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

\*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.  
\*PREPARATION OF WOOD JAMBS BY OTHERS

WOOD STRUCTURE: 1/2" MIN  
CONCRETE STRUCTURE: 2-3/4" MIN  
HOLLOW BLOCK STRUCTURE: 1-1/2" MIN  
GROUTED BLOCK STRUCTURE: 4" MIN

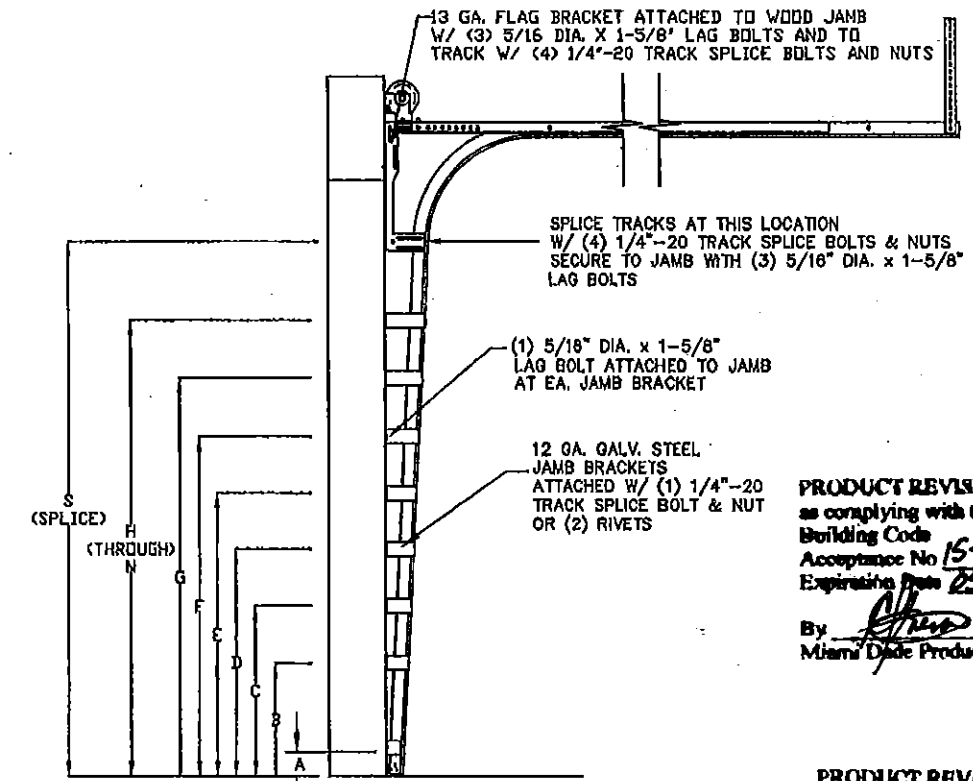
2X8 JAMB TYP.



### SPECIFICATIONS AND NOTES

- ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK. FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
- EACH VERTICAL JAMB RECEIVES MAXIMUM DESIGN LOADS OF: +368.0 LBS/FT & -448.0 LBS/FT
- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- DOOR SECTIONS SHALL BE 27 GA. (.016) MIN. INTERIOR AND 24 GA. (.022) MIN. EXTERIOR ROLLED FORMED, W/ BAKED ON POLYESTER FINISH.
- DOORS UP TO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN. USE (1) 5" R-TRUSS PER SECTION
- DOORS TALLER THAN 7'0" HIGH SHALL HAVE SECTIONS NOT GREATER THAN 21" WIDE AND USE (1) 5" R-TRUSS PER SECTION
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
- THIS APPROVAL REQUIRES THE MANUFACTURER TO DO TESTING OF ALL COILS USED TO FABRICATE DOOR PANELS UNDER THIS NOTICE OF ACCEPTANCE. A MINIMUM OF 2 SPECIMENS SHALL BE CUT FROM EACH COIL AND TENSILE TESTED ACCORDING TO ASTM E-8 BY A DADE COUNTY APPROVED LAB. SELECTED AND PAID BY THE MANUFACTURER. EVERY 3 MONTHS, 4 TIMES A YEAR, THE MANUFACTURER SHALL MAIL TO THIS OFFICE A COPY OF THE TEST REPORTS WITH CONFIRMATION THAT THE SPECIMENS WERE SELECTED FROM COILS AT THE MANUFACTURER PRODUCTION FACILITIES, AND A NOTARIZED STATEMENT FROM THE MANUFACTURER THAT ONLY COILS WITH YIELD STRENGTH OF 32,000 PSI OR MORE SHALL BE USED TO MAKE DOOR PANELS FOR DADE COUNTY UNDER THIS NOTICE OF ACCEPTANCE.

TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS  
N.T.S.



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 15-0505-07  
Expiration Date 05/16/2017  
By [Signature]  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0228-09  
Expiration Date 05/16/2017  
By [Signature]  
Miami Dade Product Control

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	UPDATE OF JAMB ATTACHMENTS TO STRUCTURE	4/3/07	SKW
B	REVISED NOTE B	12/16/08	CBT
C	REVISED NOTE B TO INCLUDE FBC 2007	05/15/09	CBT
D	REVISED TO ASCE 7-10 AND FBC 2010	07/25/11	BHC

MAX SIZE 16' x 14'	
DESIGN LOADS +46.0 PSF -56.0 PSF LARGE MISSILE IMPACT RATED	

<b>Amarr</b> 165 CARRIAGE COURT WINSTON-SALEM, NC. 27105 WWW.AMARR.COM <b>MODEL #1200 WeatherGuard Plus w/DuraSafe Heritage 3000</b> Short, Long, Flush, Ribbed, and Oak Summit Panels	
SIZE B	DRAWN BY DLJ CHECKED BY DATE 06/21/01 ENGINEER: THOMAS L. SHELMERDINE P.E. LIC. No. 0048579
DRAWING NUMBER <b>SFC-590-010</b> SHEET 2 OF 3	

# TABLE 1

Section			Panel Type	Center Stile Locations (Measured from Left Edge)	
Width (ft)	Width (in)	Height(s) (in)		1st (in)	2nd (in)
92	110	18 & 21	Short	55.000	
92	110	18 & 21	Long	55.000	
92	110	18 & 21	Okami	55.000	
94	112	18 & 21	Short	56.000	
94	112	18 & 21	Long	56.000	
94	112	18 & 21	Okami	56.000	
96	114	18 & 21	Short	57.000	
96	114	18 & 21	Long	57.000	
96	114	18 & 21	Okami	57.000	
98	116	18 & 21	Short	58.000	
98	116	18 & 21	Long	58.000	
98	116	18 & 21	Okami	58.000	
9'10	118	18 & 21	Short	59.000	
9'10	118	18 & 21	Long	59.000	
9'10	118	18 & 21	Okami	59.000	
100	120	18 & 21	Short	48.406	71.594
100	120	18 & 21	Long	60.000	
100	120	18 & 21	Okami	60.000	
102	122	18 & 21	Short	49.318	72.682
102	122	18 & 21	Long	61.000	
102	122	18 & 21	Okami	61.000	
104	124	18 & 21	Short	50.318	73.682
104	124	18 & 21	Long	62.000	
104	124	18 & 21	Okami	62.000	
106	126	18 & 21	Short	50.835	76.165
106	126	18 & 21	Long	63.000	
106	126	18 & 21	Okami	63.000	
108	128	18 & 21	Short	51.835	76.165
108	128	18 & 21	Long	64.000	
108	128	18 & 21	Okami	64.000	
10'10	130	18 & 21	Short	52.500	77.500
10'10	130	18 & 21	Long	65.000	
10'10	130	18 & 21	Okami	65.000	
110	132	18 & 21	Short	53.500	78.500
110	132	18 & 21	Long	66.000	87.594
112	134	18 & 21	Short	54.200	79.800
112	134	18 & 21	Long	66.800	88.700
114	136	18 & 21	Short	55.200	80.800
114	136	18 & 21	Long	68.000	89.700
116	138	18 & 21	Short	56.200	81.800
116	138	18 & 21	Long	67.300	90.700
118	140	18 & 21	Short	57.200	82.800
118	140	18 & 21	Long	67.625	92.376
11'10	142	18 & 21	Short	47.812	94.188
11'10	142	18 & 21	Long	68.800	93.700
120	144	18 & 21	Short	48.812	95.188
120	144	18 & 21	Long	49.625	94.375
122	146	18 & 21	Short	49.638	96.364
122	146	18 & 21	Long	50.084	95.916
124	148	18 & 21	Short	50.838	97.364
124	148	18 & 21	Long	51.084	96.916
126	150	18 & 21	Short	50.670	99.330
126	150	18 & 21	Long	51.170	98.830
128	152	18 & 21	Short	51.880	100.740

Section			Panel Type	Center Stile Locations (Measured from Left Edge)			
Width (ft)	Width (in)	Height(s) (in)		1st (in)	2nd (in)	3rd (in)	4th (in)
12'8	152	18 & 21	Short	51.670	100.330		
12'8	152	18 & 21	Long	62.100	99.900		
12'8	152	18 & 21	Okami	62.100	99.900		
12'10	154	18 & 21	Short	52.250	101.750		
12'10	154	18 & 21	Long	63.100	100.900		
12'10	154	18 & 21	Okami	63.100	100.900		
130	156	18 & 21	Short	53.000	103.000		
130	156	18 & 21	Long	64.100	101.900		
130	156	18 & 21	Okami	64.100	101.900		
13'2	158	18 & 21	Short	54.000	104.000		
13'2	158	18 & 21	Long	65.100	102.800		
13'2	158	18 & 21	Okami	65.100	102.800		
13'4	160	18 & 21	Short	54.400	105.600		
13'4	160	18 & 21	Long	66.900	103.100		
13'4	160	18 & 21	Okami	66.900	103.100		
13'6	162	18 & 21	Short	55.400	106.600		
13'6	162	18 & 21	Long	66.900	106.100		
13'6	162	18 & 21	Okami	66.900	106.100		
13'8	164	18 & 21	Short	56.400	107.600		
13'8	164	18 & 21	Long	66.625	107.376		
13'8	164	18 & 21	Okami	66.625	107.376		
13'10	166	18 & 21	Short	57.163	82.938	108.713	
13'10	166	18 & 21	Long	57.170	108.830		
13'10	166	18 & 21	Okami	57.170	108.830		
140	168	18 & 21	Short	57.763	83.938	110.113	
140	168	18 & 21	Long	58.625	109.375		
140	168	18 & 21	Okami	58.625	109.375		
14'2	170	18 & 21	Short	58.846	84.938	111.413	
14'2	170	18 & 21	Long	59.170	110.830		
14'2	170	18 & 21	Okami	59.170	110.830		
14'4	172	18 & 21	Short	59.163	85.938	112.713	
14'4	172	18 & 21	Long	60.170	111.830		
14'4	172	18 & 21	Okami	60.170	111.830		
14'6	174	18 & 21	Short	59.863	86.938	114.013	
14'6	174	18 & 21	Long	61.170	112.830		
14'6	174	18 & 21	Okami	61.170	112.830		
14'8	176	18 & 21	Short	60.563	87.938	115.313	
14'8	176	18 & 21	Long	62.170	113.830		
14'8	176	18 & 21	Okami	62.170	113.830		
14'10	178	18 & 21	Short	61.263	88.938	116.613	
14'10	178	18 & 21	Long	63.600	114.800		
14'10	178	18 & 21	Okami	63.600	114.800		
150	180	18 & 21	Short	61.938	89.938	117.938	
150	180	18 & 21	Long	66.800	115.700		
150	180	18 & 21	Okami	66.800	115.700		
15'2	182	18 & 21	Short	62.663	90.938	119.213	
15'2	182	18 & 21	Long	67.800	116.400		
15'2	182	18 & 21	Okami	67.800	116.400		
15'4	184	18 & 21	Short	63.600	79.200	104.800	130.400
15'4	184	18 & 21	Long	67.250	92.000	118.750	
15'6	186	18 & 21	Short	46.624	93.000	139.376	
15'6	186	18 & 21	Long	47.800	93.000	135.400	
15'6	186	18 & 21	Okami	47.800	93.000	135.400	
15'8	188	18 & 21	Short	47.624	94.000	140.376	
15'8	188	18 & 21	Long	48.800	94.000	138.400	
15'8	188	18 & 21	Okami	48.800	94.000	138.400	
15'10	190	18 & 21	Short	48.624	95.000	141.376	
15'10	190	18 & 21	Long	49.167	95.000	140.333	
15'10	190	18 & 21	Okami	49.167	95.000	140.333	
160	192	18 & 21	Short	49.624	96.000	142.376	
160	192	18 & 21	Long	50.600	96.000	141.400	
160	192	18 & 21	Okami	50.600	96.000	141.400	

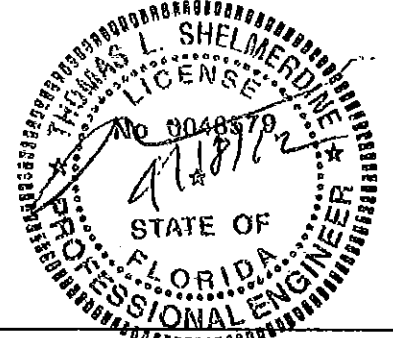
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B	REVISED NOTE 8	12/16/08	CBT
C	REVISED NOTE 8 TO INCLUDE FBC 2007	05/13/09	CBT
D	REVISED TO ASCE 7-10 AND FBC 2010	07/25/11	BHC

MAX. SIZE  
16' x 14'

DESIGN LOADS  
+46.0 PSF  
-56.0 PSF  
LARGE MISSILE  
IMPACT RATED



**Amarr**

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**MODEL #1200 WeatherGuard Plus w/DuraSafe Heritage 3000**  
Short, Long, Flush, Ribbed,  
and Oak Summit Panels

SIZE B	DRAWN BY DLJ	DATE 06/21/01	DRAWING NUMBER SFC-590-010
CHECKED BY	DATE		

ENGINEER: THOMAS L. SHELME RDINE P.E. LIC. No. 0048579 SHEET 3 OF 3